

JC03 Rec'd PCT/PTO 05 APR 2005

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| U. S. PATENT AND TRADEMARK OFFICE U. S. DEPARTMENT OF COMMERCE | | ATTORNEY'S DOCKET NUMBER 21229Y-1 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/530465 |
| INTERNATIONAL APPLICATION NO. PCT/US03/36806 | INTERNATIONAL FILING DATE 18.11.2003 | PRIORITY DATE CLAIMED 22.11.2002 |
| TITLE OF INVENTION METHOD OF PREPARING INHIBITORS PHOSPHODIESTERASE-4 | | |
| APPLICANT(S) FOR DO/EO/US JENNIFER ALBANEZE-WALKER, JERRY ANTHONY MURRY, ARASH SOHEILI AND SHAWN A. SPRINGFIELD | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | |
| <ol style="list-style-type: none">1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.3. <input type="checkbox"/> This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.4. <input checked="" type="checkbox"/> The US has been elected (PCT Article 31).5. <input checked="" type="checkbox"/> A copy of the International Application as filed [35 U.S.C. 371(c)(2)]<ol style="list-style-type: none">a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> has been communicated by the International Bureau.c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).6. <input type="checkbox"/> An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].<ol style="list-style-type: none">a. <input type="checkbox"/> is attached heretob. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].<ol style="list-style-type: none">a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).b. <input type="checkbox"/> have been communicated by the International Bureau.c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.d. <input type="checkbox"/> have not been made and will not be made.8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]. | | |
| Items 11 to 20 below concern other document(s) or information included: | | |
| <ol style="list-style-type: none">11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.13. <input checked="" type="checkbox"/> A preliminary amendment.14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.15. <input type="checkbox"/> A substitute specification.16. <input type="checkbox"/> A power of attorney and/or change of address letter.17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4) EXPRESS MAIL CERTIFICATE DATE OF DEPOSIT 4-5-200519. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4) EXPRESS MAIL NO. 214893017510520. <input type="checkbox"/> Other items or information: | | |

JC13 Rec'd PCT/PTO 05 APR 2005

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | ATTORNEY'S DOCKET NUMBER | |
| 10/530465 | | PCT/US03/36806 | 21229Y-1 | |
| The following fees are submitted: | | | | |
| 21. <input checked="" type="checkbox"/> Basic national fee..... | | \$300 | CALCULATIONS PTO USE ONLY | |
| 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... | | \$100 | \$300.00 | |
| All other situations..... | | \$200 | | |
| 23. <input checked="" type="checkbox"/> Search fee Search fee [37 CFR 1.445(a)(2)] has been paid on the international application to the USPTO as an International Searching Authority..... | | \$100 | | |
| International Search Report prepared and provided to the Office..... | | \$400 | | |
| All other situations..... | | \$500 | \$400.00 | |
| | | TOTAL OF 21, 22 and 23= | \$900.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | |
| 141 - 100 = | 41 /50 | 0.82 = 1 | X | \$250.00 |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)]. | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | |
| Total Claims | 18 - 20 = | 0 | X | \$50.00 |
| Independent Claims | 1 - 3 = | 0 | X | \$200.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | + \$360.00 | | |
| | | TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) | = \$1,150.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | |
| TOTAL NATIONAL FEE = \$1,150.00 | | | | |
| Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property. | | | | |
| TOTAL FEES ENCLOSED = \$1,150.00 | | | | |
| Amount to be refunded: | | | | |
| Amount to be charged: | | | | |
| a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. | | | | |
| b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-2755</u> in the amount of <u>\$1,150.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. <u>13-2755</u> . A duplicate copy of this sheet is enclosed. | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status. | | | | |
| SEND ALL CORRESPONDENCE TO: <div style="border: 1px solid black; padding: 2px; display: inline-block;"> <u>Customer No. 000210</u> </div> | | | | |
| MERCK & CO., INC. Patent Department, RY60-30 P.O. Box 2000 126 East Lincoln Avenue Rahway, New Jersey 07065-0970 | | | | |
| <div style="text-align: right; margin-right: 100px;">  <u>Curtis C. Panzer</u> NAME </div> | | | | |
| DATE: <u>April 5, 2005</u> | | | | |
| PHONE #: <u>(732) 594-3199</u> | | | | |
| <div style="text-align: right; margin-right: 100px;"> <u>33.752</u> REGISTRATION NUMBER </div> | | | | |